

# Oil Field Environmental Incident Summary

**Incident:** 20160202171334      **Date/Time of Notice:** 02/02/2016 17:13  
**Responsible Party:** BURLINGTON RESOURCES OIL & GAS COMPANY LP  
**Well Operator:** BURLINGTON RESOURCES OIL & GAS COMPANY LP  
**Well Name:** CCU FOUR ACES 11-16H  
**Field Name:** CORRAL CREEK      **Well File #:** 17630  
**Date Incident:** 2/1/2016      **Time Incident:** 18:00      **Facility ID Number:**  
**County:** DUNN      **Twp:** 147      **Rng:** 95      **Sec:** 16      **Qtr:** NW NW  
**Location Description:** North west side of the well pad.

**Submitted By:** Lewis Schoenberger      **Received By:**  
**Contact Person:** Lewis Schoenberger  
600 N. DAIRY ASHFORD  
HOUSTON, TX 77079

**General Land Use:** Pasture      **Affected Medium:** Topsoil

**Distance Nearest Occupied Building:** 1 Mile  
**Distance Nearest Water Well:** 1 Mile

**Type of Incident:** Other

<b>Release Contained in Dike:</b> No		<b>Reported to NRC:</b> No			
<b>Spilled</b>	<b>Units</b>	<b>Recovered</b>	<b>Units</b>	<b>Followup</b>	<b>Units</b>
<b>Oil</b>					
<b>Brine</b>					
<b>Other</b>	120				Barrels

**Description of Other Released Contaminant:**

[Redacted area]

**Inspected:**      **Written Report Received:**      **Clean Up Concluded:**

**Risk Evaluation:**

Unknown. The exact identity of the liquid is not known. But overland flow of the spill appears to have ended near the well pad.

**Areal Extent:**

**Potential Environmental Impacts:**

Unknown.

**Action Taken or Planned:**

The Dunn County Sheriffs office has been contacted. Visibly impacted soil and vegetation will be collected for appropriate disposal.

**Wastes Disposal Location:**

**Agencies Involved:** Local Law Enforcement

**Updates**

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**Date:** 2/2/2016      **Status:** Correspondence

**Author:** Espe, Brady

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received call regarding the incident late morning. Talked to the local contact for the company. He indicated that someone dumped off the edge of their pad, and they do not know the responsible party. He was meeting with the sheriff and landowner. They will start cleaning up the spill. I told the contact that field personnel for the NDDoH will be at the site today. More follow-up needed.

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**Date:** 2/2/2016      **Status:** Inspection

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived on location at 15:00. 36 degrees F, sunny, N wind 5-10 mph. Met with Burlington representative to discuss release. It appeared that someone had unloaded a liquid material from a semi-truck or vac truck on the NW corner of the well pad. This liquid flowed south along the edge of the fenceline and then turned west into a wooded draw which sloped approximately 20 to 40 percent. Walked the visually impacted area and took photos. Total distance the release impacted was approximately 250' to the south and 500' to 600' to the west in the wooded draw area. The release also impacted an area approximately 50' in length and upgradient of the release on the north side of the well pad. Most of the release was contained to channels 3' to 6' in width. Collected two soil samples: one at a depth of 0 to 1" for diesel range organics (DRO) analysis; and one at 3" to 8" in depth for DRO and Group 190 analysis. SS-1 coordinates - 47.55910, -102.79647 and SS-2 coordinates - 47.55893, -102.79649. More followup needed.

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**Date:** 2/12/2016    **Status:** Correspondence

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received phone call from the company contact on 2/11/16 regarding the progress of the cleanup. The contact informed me that they had dug out the visibly impacted soil above the steep tree-lined draw area and had placed booms along the route of the release through the trees. They were also hand raking and removing the visible impacts through the tree area. Samples were collected and will be provided to the NDDoH. Company contact will keep the NDDoH informed while work is in progress and will contact us for an on-site visit when the cleanup is complete. More followup needed.

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**Date:** 3/1/2016    **Status:** Inspection

**Author:** Crowdus, Kory

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

On location 3/1/2016, at 11:07 a.m. Crew was on site scraping up vegetation in visually impacted area with rakes and shovels. There are booms in place to avoid further contamination from runoff melt water. Spoke to personnel on site who said samples will be taken and results will be sent to NDDoH. More follow-up required.

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**Date:** 5/17/2016    **Status:** Inspection

**Author:** Crowdus, Kory

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

On location 5/17/2016, at 9:55 a.m. No growth in impacted area off location. Soil is visibly impacted, and a strong hydrocarbon smell is present. Some trees in flow path appear to have not survived the release. Spoke to contact, and we will be in discussions on the best way to removed contaminated soils. A soil sample was taken at the site. Further follow-up is required.

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**Date:** 8/4/2016    **Status:** Inspection

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Arrived on location at 18:30. 74 degrees F, sunny, NW wind 10-20 mph. Observed site and took photos. It appeared that the petroleum-impacted soils had been removed. However, erosion had cut a deep gully into the side of the slope where the vegetation had been removed. Clean soil and/or rock should be placed into eroded area to stabilize the side slope before closing. More follow-up needed.

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**Date:** 8/18/2016    **Status:** Correspondence

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received hard copies of soil sample results collected on 2/2/2016. Results show that the impact was most likely contained to the top 1 to 3 inches of the area soils, with significantly lower amounts of metals and diesel range organics in the 3- to 8-inch depth sample. Results added to the incident folder.